

CLAIMS

What is claimed is:

- 5 1. A method for providing network support for an attribute feature for customization of mobile terminals by a telecommunication network, the method comprising the steps of:
- storing in the telecommunication network at least one attribute for use by at least one mobile terminal;
- 10 sending at least one attribute request from the mobile terminal to the telecommunication network;
- recognizing, by the telecommunication network, the attribute request from the mobile terminal;
- downloading, by the telecommunication network, the requested attribute to
- 15 the mobile terminal; and
- installing the attribute in the mobile terminal.
2. The method of claim 1 wherein the method further comprises the steps of:
- 20 storing the at least one attribute in an attribute database in the telecommunication network; and
- retrieving, in response to the attribute request, the attribute from the attribute database.

3. The method of claim 1 wherein the method further comprises formatting future messages to the mobile terminal in a format consistent with the downloaded attribute.

5 4. The method of claim 1 wherein the attribute request is a request of a plurality of attributes in an attribute package.

5. The method of claim 4 wherein, in response to the attribute request, the telecommunication network downloads to the mobile terminal an attribute
10 package having a plurality of attributes.

6. The method of claim 4 wherein the attribute package is a combination of at least two of; background colors, foreground colors, font styles, font sizes, images, low-light level mode, and bright-light level mode.

15

7. The method of claim 1 wherein the method further comprises:
storing in a subscriber database a data entry indicative of the mobile terminal being a subscriber of the attribute feature; and
checking, upon receiving an attribute request, the subscriber database for the
20 mobile terminal being a subscriber of the attribute feature of the telecommunication network.

8. The method of claim 1 wherein the attribute is one of; background colors, foreground colors, font styles, font sizes, images, low-light level mode, and

bright-light level mode.

9. The method of claim 1 wherein the method further comprises the steps of: navigating through an attribute menu on the mobile terminal, and selecting from
5 the attribute menu at least one attribute to be requested.

10. A method for providing network support for an attribute feature for customization of mobile terminals by a telecommunication network, the method comprising the steps of:
- 10 storing in an attribute database in the telecommunication network at least one attribute for use by at least one mobile terminal;
- storing in a subscriber database a data entry indicative of the mobile terminal being a subscriber of the attribute feature;
- 15 sending at least one attribute request from the mobile terminal to the telecommunication network;
- recognizing, by the telecommunication network, the attribute request from the mobile terminal;
- checking, upon receiving an attribute request, the subscriber database for the mobile terminal being a subscriber of the attribute feature of the telecommunication
20 network;
- retrieving, in response to the attribute request and in response to the mobile terminal being a subscriber of the attribute feature, the attribute from the attribute database;
- downloading, by the telecommunication network, the requested attribute to

the mobile terminal;

installing the attribute in the mobile terminal; and

formatting future messages to the mobile terminal in a format consistent with the downloaded attribute.

5

11. The method of claim 10 wherein the attribute is one of; background colors, foreground colors, font styles, font sizes, images, low-light level mode, and bright-light level mode.

10 12. The method of claim 10 wherein the attribute request is a request for a plurality of attributes in an attribute package.

13. The method of claim 12 wherein, in response to the attribute request, the telecommunication network downloads to the mobile terminal the attribute
15 package having a plurality of attributes.

14. The method of claim 12 wherein the attribute package is a combination of at least two of; background colors, foreground colors, font styles, font sizes, images, low-light level mode, and bright-light level mode.

20

15. The method of claim 10 wherein the method further comprises the steps of: navigating through an attribute menu on the mobile terminal, and selecting from the attribute menu at least one attribute to be requested.

16. A system that provides network support for an attribute feature for customization of mobile terminals by a telecommunication network, the system comprising:

an attribute menu in a mobile terminal for selecting at least one attribute, the
5 mobile terminal sending an attribute request, indicative of a selected at least one attribute, to the telecommunication network;

an attribute database in the telecommunication network in which is stored at least one at least one attribute for use by at least one mobile terminal;

a subscriber database in which is stored a data entry indicative of the mobile
10 terminal being a subscriber of the attribute feature;

a recognition module in the telecommunication network operatively connected to the mobile subscriber database, the recognition module, upon receiving an attribute request, checking the subscriber database for the mobile terminal being a subscriber of the attribute feature of the telecommunication network, and outputting a
15 confirmation message when the mobile terminal is a subscriber of the attribute feature; and

a retrieving module operatively connected to the recognition module and to the attribute database, the retrieving module retrieving, in response to the confirmation message, the at least one attribute from the attribute database;

20 wherein the telecommunication network downloads the requested attribute to the mobile terminal, wherein the attribute is installed in the mobile terminal; and wherein future messages to the mobile terminal are formatted in a format consistent with the downloaded attribute.

17. The system of claim 16 wherein the attribute is one of; background colors, foreground colors, font styles, font sizes, images, low-light level mode, and bright-light level mode.

5 18. The system of claim 16 wherein the attribute request is a request for a plurality of attributes in an attribute package.

19. The system of claim 17 wherein, in response to the attribute request, the telecommunication network downloads to the mobile terminal the attribute
10 package having a plurality of attributes.

20. The system of claim 17 wherein the attribute package is a combination of at least two of; background colors, foreground colors, font styles, font sizes, images, low-light level mode, and bright-light level mode.

15